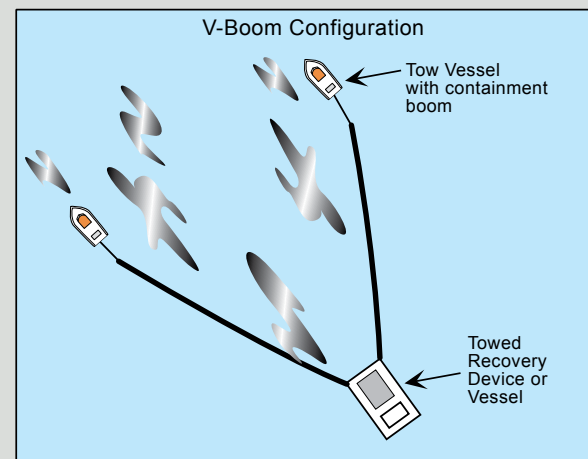
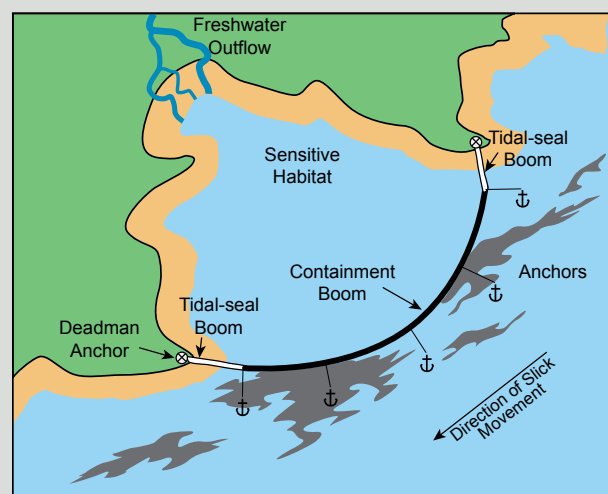


An example of the *Passive Recovery Tactic*. Actual deployment should be adjusted for local conditions.



An example of the *Free-oil Recovery Tactic*. Actual deployment should be adjusted for local conditions.



An example of the *Exclusion Booming Tactic*. Actual deployment should be adjusted for local conditions.

Map Legend

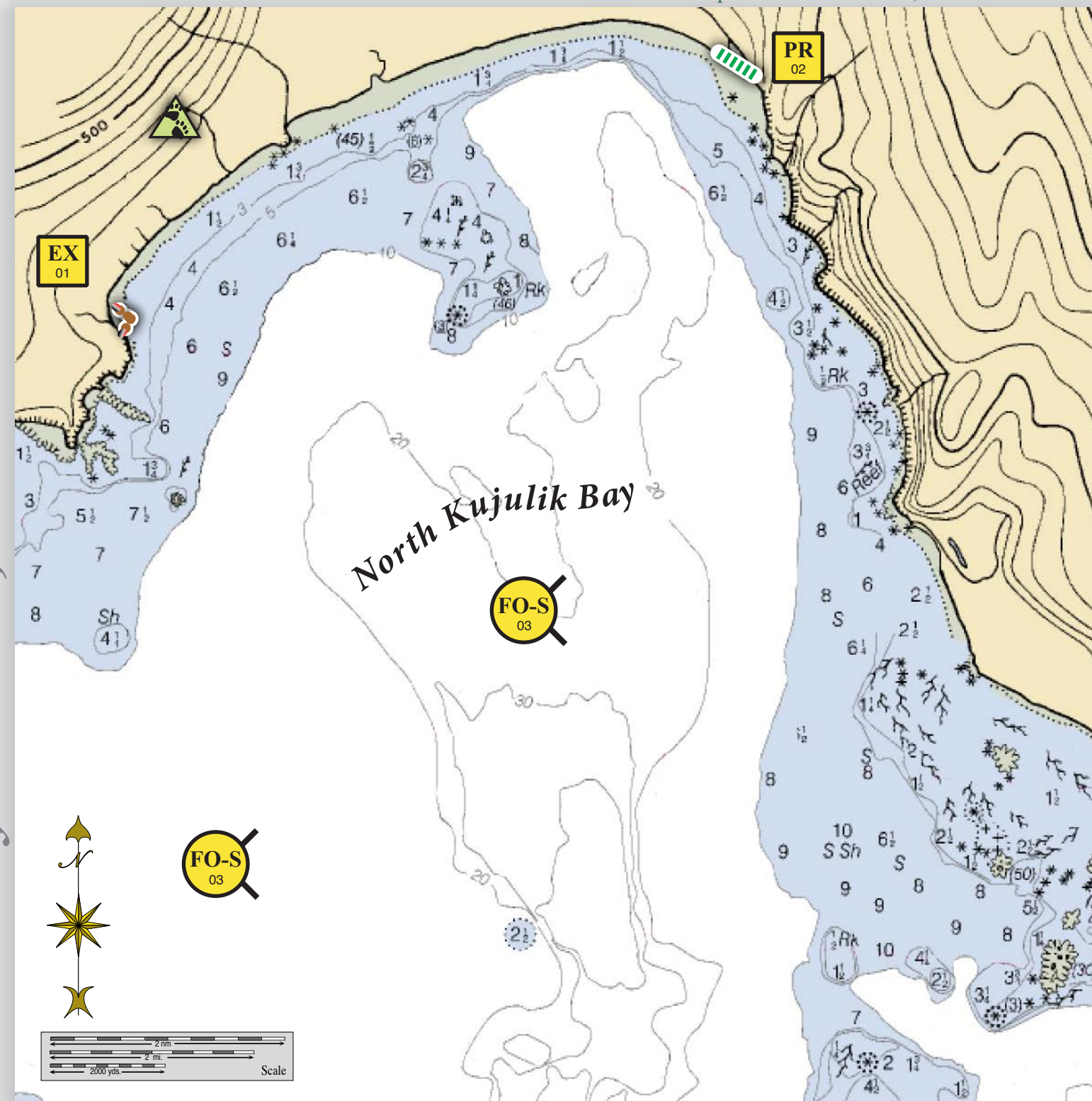
<div style="border: 1px solid black; border-radius: 50%; padding: 2px; margin-bottom: 5px;">FO-S</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">EX</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">PR</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">SR</div>	<p>Free-oil Recovery</p> <p>Exclusion Booming</p> <p>Passive Recovery</p> <p>Shoreside Recovery</p>	<div style="display: flex; align-items: center;"> <div style="width: 20px; height: 5px; background-color: orange; border-radius: 2px; margin-right: 5px;"></div> <p>Fast-water Boom</p> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 10px; background: linear-gradient(to top right, transparent 48%, black 48% 52%, black 52% 54%, transparent 54%); border-radius: 5px; margin-right: 5px;"></div> <p>Tidal-seal Boom</p> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 5px; background-color: green; border: 1px solid black; margin-right: 5px;"></div> <p>Snare or Sorbent Boom</p> </div> <div style="display: flex; align-items: center;"> <div style="width: 15px; height: 15px; background-color: yellow; border: 1px solid black; margin-right: 5px; position: relative;"> <div style="position: absolute; top: 5px; left: 5px; width: 5px; height: 5px; background-color: black;"></div> </div> <p>Bears in Area, Guards Recommended</p> </div>
---	---	---

Aerial photography of this area is unavailable at this time, but may be included as it becomes available.

Geographic Response Strategies for Bristol Bay Subarea, Southern Zone

North Kujulik Bay, BB-S10

Center of map at 56° 38.68' N Lat., 157° 46.98' W Lon.



This is not intended for navigational use.

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
S-10-01 <div>EX</div>	North Kujulik Bay Lat. 56° 40.53’N Lon. 157°44.30’W	Exclusion Exclude oil from impacting the streams in Southern Kujulik Bay.	Deploy anchors and boom with skiffs (class 6) at high tide. Place fast-water boom in a chevron pattern in front of the entrance to the streams. Complete the arrays by placing 60 ft. of tidal seal boom on each leg. Tend throughout the tide. Booms Length: a. 500 ft b. 150 ft	Deployment Equipment 500 ft. fast-water boom 120 ft. tidal seal boom 2 ea. anchor systems 4 ea. anchor stakes Vessels 1 ea. class 3 1 ea. class 6 Personnel/Shift 5 ea. vessel crew/general techs Tending Vessels 1 ea. class 3 1 ea. class 6 Personnel/Shift 3 ea. vessel crew/general techs	Chignik	Via marine waters Chart 16566	Fish- intertidal spawning-salmon (June-Sept.) Birds-waterfowl, seabird and shorebird nesting Habitat- exposed rocky shore, marsh, exposed tidal flats Human use-subsistence, commercial fishing	Vessel master should have local knowledge. A large population of bears are in the area. Bear guard required. Title 41 permitting required from ADNDR. Surveyed: not yet Tested: not yet
S-10-02 <div>PR</div>	North Kujulik Bay Lat. 56° 39.33’N Lon. 157°50.08’W	Passive Recovery Survey and identify the additional drainages into the bay prior to deployment. Place passive recovery across the channel of the stream and drainages in the Kujulik Bay.	Place and anchor 100 ft. sections of snare line or sorbent boom across the channels of streams in Kujulik Bay. Replace as necessary to maximize the recovery.	Deployment Equipment 150 ft. snare line or sorbent boom 1 ea. small anchor systems 2 ea. anchor stakes (Adjust equipment to reflect survey findings) Vessels/Personnel/Shift Same as S-10-01 Tending Vessels/Personnel/Shift Same as S-10-01	Chignik	Via marine waters Chart 16566	Same as S-10-01	Vessel master should have local knowledge.